

**Notice of Allowability**

Application No.

09/752,337

Examiner

Kieu D. Vu

Applicant(s)

CARROLL, MICHAEL E.

Art Unit

2173

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to The Amendment filed 08/24/05.
2. ☒ The allowed claim(s) is/are 2,9 and 15 (renumbered as 1-3).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

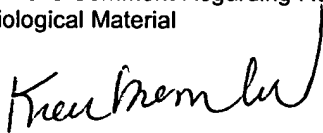
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_



### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in telephone interviews with Applicant's representative Bruce Jobse on 11/04/05 and 11/10/05.

3. The following listing of claims will replace all prior versions and listing of claims in the application:

Claim 1.(Canceled)

Claim 2. In a computer system having a keyboard and a user interface capable of displaying a plurality of data items and receiving user commands, a method comprising:

obtaining data identifying a first displayed data item;

receiving, through the user interface, a command to swap the first

displayed data item with a second displayed data item wherein the

command to swap the first displayed data item with a second displayed

data item is generated by the depression of one of function keys from the

keyboard;

receiving, through the user interface, a directional command

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identifying a relative direction of a position of the second displayed data item to a position of the first displayed data item wherein the directional command is generated by the depression of one of up, down, left, or right arrow keys from the keyboard; and

swapping the first displayed data item with the second displayed data item if the first displayed data item and the second displayed data item have similar respective data types;

wherein said depression of one of function keys and said depression of one of up, down, left, or right arrow keys at the same time cause said swapping.

Claim 3: (Canceled)

Claim 4: (Canceled)

Claim 5: (Canceled)

Claim 6: (Canceled)

Claim 7: (Canceled)

Claim 8: (Canceled)

Claim 9: A computer program product for use with a computer system having a keyboard and a user interface capable of displaying a plurality of data items and receiving user commands, the computer program product comprising a computer readable medium having embodied therein program code comprising:

program code for obtaining data identifying a first displayed data item;

program code for receiving, through the user interface, a command to

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swap the first displayed data item with a second displayed data item wherein the command to swap the first displayed data item with a second displayed data item is generated by the depression of one of function keys from the keyboard;

program code for receiving, through the user interface, a directional command identifying a relative direction of a position of the second displayed data item to a position of the first displayed data item wherein the directional command is generated by the depression of one of up, down, left, or right arrow keys from the keyboard; and

program code for swapping the first displayed data item with the second displayed data item if the first displayed data item and the second displayed data item have similar respective data types;

wherein said depression of one of function keys and said depression of one of up, down, left, or right arrow keys at the same time cause said swapping.

Claim 10: (Canceled)

Claim 11: (Canceled)

Claim 12: (Canceled)

Claim 13: (Canceled)

Claim 14: (Canceled)

Claim 15. An apparatus for use with a computer system having a keyboard and a user interface capable of displaying a plurality of data items and receiving user commands, the apparatus comprising:

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program logic configured to obtain data identifying a first displayed data item;

program logic configured to receive, through the user interface, a command to swap the first displayed data item with a second displayed data item wherein the command to swap the first displayed data item with a second displayed data item is generated by the depression of one of function keys from the keyboard;

program logic configured to receive, through the user interface, a directional command identifying a relative direction of a position of the second displayed data item to a position of the first displayed data item wherein the directional command is generated by the depression of one of up, down, left, or right arrow keys from the keyboard; and

program logic configured to swap the first displayed data item with the second displayed data item if the first displayed data item and the second displayed data item have similar respective data types;

wherein said depression of one of function keys and said depression of one of up, down, left, or right arrow keys at the same time cause said swap.

Claim 16: (Canceled)

Claim 17: (Canceled)

Claim 18: (Canceled)

Claim 19: (Canceled)

***Allowable Subject Matter***

4. Claims 2, 9, 15 are allowed.

The following is an examiner's statement of reasons for allowance:

Examiner has carefully considered the independent claims 2, 9, 15.

The prior art of record does not teaches the features "wherein the command to swap the first displayed data item with a second displayed data item is generated by the depression of one of function keys from the keyboard"; "wherein the directional command is generated by the depression of one of up, down, left, or right arrow keys from the keyboard"; and "said depression of one of function keys and said depression of one of up, down, left, or right arrow keys at the same time cause said swapping" in specific combinations recited in claims 2, 9, and 15.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kieu D. Vu. The examiner can normally be reached on Mon - Thu from 7:00AM to 3:00PM at 571-272-4057.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca, can be reached at 571-272-4048.

The fax phone numbers for the organization where this application or proceeding is assigned are as follows:

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571-273-8300

and / or:

571-273-4057 (use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper / amendment be faxed directly to them on occasions).

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kieu D. Vu  
AU 2173

